

ABSTRACT OF THE DISKLOSURE

A drive unit for driving an objective lens of an optical head includes: a lens holder 12 for holding an objective lens; a plurality of coils Tr1, F11, F21, Tr2, 5 F21, F22, which are provided on two sides 12a, 12b of the lens holder 12 by three coils; a plurality of wires of the first to the third wire W1 to W3 for supplying electric currents to the coils and for supporting the lens holder 12; magnets 31, 32 for generating a magnetic field in the 10 coil portions, wherein the plurality of coils includes a first system coil F11, F12 connected between the first wire W1 and the common wire W4, a second system coil F21, F22 connected between the second wire W2 and the common wire W4, and a third system coil Tr1, Tr2 connected between the 15 third wire W3 and the common wire W4.